

<b>FORM PTO-1449/A and B (Modified)</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 09/925,194		ATTY. DOCKET NO.: S01448.70000.US	
		FILING DATE: August 8, 2001		CONFIRMATION NO.: 4327	
		APPLICANT: AWAD et al.			
		GROUP ART UNIT: 2184 2124		EXAMINER: Robert W. Deausoliel Jr. Chat Do	
Sheet		of			

**U.S. PATENT DOCUMENTS**


Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
CD	1	5,062,102		Taguchi	10-29-1991

**RECEIVED****DEC 20 2002****Technology Center 2100****FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
CD	2	EP	0872962	A2	Nokia Mobile Phones LTD.	10-21-1998	N
CD	3	GB	2164828	A	International Standard Electric Corp.	03-26-1986	N

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
CD	4	Deisher M E et al., "Practical Considerations in the Implementation of a Frequency-Domain Adaptive Noise Canceller", IEEE Transactions on Circuits and Systems, II: Analog and Digital Signal Processing, IEEE Inc. New York, US, vol. 41, no. 2, February 1, 1994, pages 164-168, XP000443037		

EXAMINER 	DATE CONSIDERED 8/18/04
---	----------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Express Mail Mailing Label Number FL 844511526 US  
 Date of Deposit August 8, 2001

FORM PTO-1449/A and B (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: <u>09/925194</u>	ATTY. DOCKET NO.: S01448/70000
		FILING DATE: HEREWITH <u>08/08/01</u>	
		APPLICANT: Thomas J. Awad et al.	
		GROUP ART UNIT: <u>2124</u>	EXAMINER: <u>Chat DO</u>
Sheet		of	

**U.S. PATENT DOCUMENTS**

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
CD	1	5,200,915		Hayami et al.	04/06/1993
CD	2	5,442,569		Osano	08/15/1995
CD	3	5,630,154		Bolstad et al.	05/13/1997
CD	4	5,790,598		Moreland et al.	08/04/1998
CD	5	5,889,857		Boudy et al.	03/30/1999
CD	6	5,974,377		Navarro et al.	10/26/1999
CD	7	6,151,358		Lee et al.	11/21/2000

11050 U.S. PTO  
09/925194  
08/08/01

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume=issue number(s), publisher, city and/or country where published.	Translation (Y/N)
CD	8	Adaptive filters; Theory and Applications/B. Farhang-Boroujeny. John-Wiley & Sons Ltd. (chapter 12, pages 413-437)	
CD	9	Numerical recipes in C: the art of scientific computing/William.H. Press. Cambridge University Press (chapters 1-2, pages 1-99)	
CD	10	Linear Predictive Spectral Shaping for Acoustical Echo Cancellation. Sanro Zlobec. Department of Electrical Engineering, McGill University, Montreal, November 1995.	

EXAMINER <u>[Signature]</u>	DATE CONSIDERED <u>08/18/04</u>
-----------------------------	---------------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]